

CURRICULUM VITAE

Vered Rosenberger

EDUCATION:

1997-1998: Executive M.B.A, Bradford University (Israel extension)
Management Project: **Drug Delivery VS. Drug Development** – Evaluation of
Drug Delivery System (platform only) and Drug Development as alternative
Bases for Business strategy of Perio Products Ltd.

1988-1993: Ph.D studies in Biochemistry, Faculty of Life Sciences, Tel-Aviv University
(Supervisor: Prof. Rimona Margalit). Thesis: **Physicochemical characterization
of the photodynamic drug (HPE): the involvement of serum proteins in tumor
delivery.**

1986-1988: M.Sc in Biochemistry, Faculty of Life Sciences, Tel-Aviv University
(Supervisor: Prof. Rimona Margalit). Thesis: **Molecular level studies on
process involving porphyrins used in photodynamic therapy.**

1986-1988: Teaching Certificate in Chemistry, Tel –Aviv University.

1983-1986: B.Sc in chemistry, Tel –Aviv University.

PROFESSIONAL EXPERIENCE:

2000-PRESENT: R&D Manager, R&D Initiative, Teva Pharmaceutical Industries LTD.
Jerusalem, Israel

1998-1999: Project Manager, Clinical Trials, Perio Products LTD.
Jerusalem, Israel

1994-1998: Team leader, Research and Development, Perio Products LTD.
Jerusalem, Israel.

1993-1994: Post doctoral research associate with Prof. Robert Langer at MIT's Dept. of
Chemical Engineering, MA, U.S.A

1988-1993: Teaching assistant in physical chemistry courses, Faculty of Life Sciences, Tel-
Aviv University, ISRAEL.

1986-1988: Teaching assistant in physical chemistry laboratory, Faculty of Life Sciences
Tel-Aviv University, ISRAEL.

AWARDS:

1. Georg Wise Faculty of Life Sciences award of outstanding achievements in Ph.D
Studies, 1990.
2. Georg Wise Faculty of Life Sciences award of outstanding achievements in Ph.D
Studies, 1992.
3. The Controlled Release Society award, Washington D.C, U.S.A, 1993.

LIST OF PUBLICATION:

ARTICLES:

1. Rosenberger, V. and Margalit, R., Molecular level studies of Hematoporphyrin ester (HPE) and HPD like photosensitizer I. Physicochemical characterization of HPE and of oligomers isolated from it. *Photochem. Photobiol.* (1993)
2. Rosenberger, V. And Margalit, R., Molecular level studies of Hematoporphyrin ester (HPE) and HPD like photosensitizer II. Thermodynamics of binding of HPE and its components to human serum albumin, human HDL and human LDL. *Photochem. Photobiol.* **58**, p. 627-630 (1993).
3. Rosenberger, V. And Margalit, R., Porphyrins in photodynamic therapy: the Involvement of serum proteins in tumor delivery. *Proc. of the 20'th International Symposium on Controlled Release of Bioactive Materials.* (1993)
4. Rosenberger, V. And Margalit, R., Interaction of photoactive anticancer porphyrin Derivative HPE with A431 cells. *Photochem. Photobiol.* (1994).
5. Rosenberger, V., Shefer, S., Vahanian, G., Wong, W., and Langer, R., Implantable Hollow Fiber Bioreactor as a Potential Treatment for Hypercholesterolemia: Characterization of the Catalytic Unit. *Biotechnology and Bioengineering,* **48**, (1995)
6. Shefer, S., Gantela, S., Chen, J.P., Noabar, B., Varady, L., Rosenberger, V., and Langer, R., A novel quantitative and direct measurement of human serum low density Lipoprotein. *Clinical Chemistry*

ABSTRACTS:

1. Rosenberger, V., Wertheim, J., Shefer, S., and Langer, R., Intracorporal bioreactor With immobilized phospholipase A2 to reduce plasma cholesterol. In the XI Congress of International Society for Artificial cells Blood Substitutes, and immobilization Biotechnology, July 24-27, 1994. Boston, Massachusetts, U.S.A
2. Rosenberger, V., and Margalit, R., HSA, HDL, and LDL as potential carriers of Photodynamic drug HPE: molecular level studies of the binding of HPE monomers and oligomers in the 15'th Int. Cong. Of Biochemistry. Aug. 4-8 1991, Jerusalem, Israel.
3. Rosenberger, V., and Margalit, R., The interaction of serum proteins with Photodynamic drugs (in vitro study) in the 5'th Israeli conference on surface and colloid science, March 4-5, 1992 Tiberias, Israel.
4. Rosenberger, V., and Margalit, R., HSA, HDL, and LDL as potential carriers of HPE The first annual meeting of the Inst. For Biotech. Jan 28-30, Sde Boker, Israel
5. Rosenberger, V., and Margalit, R., Porphyrins in photodynamic therapy: the Involvement of serum proteins in tumor delivery in the 20'th Int. Symp. On Controlled Release of Bioactive Materials, July 25-28, 1993 Washington, D.C., U.S.A.